

Title (en)  
Marine elastic coupling

Title (de)  
Elastische Schiffskupplung

Title (fr)  
Accouplement naval élastique

Publication  
**EP 1681482 A3 20070509 (EN)**

Application  
**EP 06250234 A 20060117**

Priority  
JP 2005010486 A 20050118

Abstract (en)  
[origin: EP1681482A2] An object of the present invention is to provide improved torsional rigidity of an elastic coupling for use in a marine engine which couples an engine to a reversing gear. The elastic coupling (3) comprises at least one low-rigidity element (8) providing torsional rigidity during transmission of a predetermined low torque; and at least one high-rigidity element (21) providing, during transmission of a predetermined high torque, torsional rigidity higher than that provided by the low-rigidity element.

IPC 8 full level  
**F16D 3/58** (2006.01)

CPC (source: EP US)  
**F16D 3/58** (2013.01 - EP US); **F16D 3/68** (2013.01 - EP US)

Citation (search report)

- [XA] US 5545089 A 19960813 - KIRSCHY GERHARD [DE]
- [X] US 2125559 A 19380802 - WILSON HAMILL WILLIAM
- [X] US 3977212 A 19760831 - JOHANSSON CARL-ERIC
- [DX] EP 0902204 A1 19990317 - KIRSCHY CENTA ANTRIEBE [DE]
- [X] CH 630708 A5 19820630 - ENGINEERING DEV LEEDS LTD [GB]
- [X] US 2989857 A 19610627 - HELLAND GILMAN A, et al
- [A] DE 3906201 A1 19900830 - FREUDENBERG CARL FA [DE]

Cited by  
DE102013019443A1; EP4102090A1; DE102008005257B4; DE102013101069A1; DE102008005257C5; FR3041724A1; DE102008005257A1; WO2015074863A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1681482 A2 20060719; EP 1681482 A3 20070509; US 2006172808 A1 20060803**

DOCDB simple family (application)  
**EP 06250234 A 20060117; US 33232906 A 20060117**